

L Number	Hits	Search Text	DB	Time stamp
1	54	projection adj generation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:16
2	1	(projection adj generation) and web adj page	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:21
3	2	(projection adj generation) and 707/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:16
4	176538	projection and generat\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:16
5	0	(projection and generat\$5) and 707/100.101,102,104.1,103\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:17
6	215	(projection and generat\$5) and 707/100.101,102,104.1,103.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:17
7	11	((projection and generat\$5) and 707/100.101,102,104.1,103.ccls.) and instantiat\$4 and synchroniz\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:18
8	3	((((projection and generat\$5) and 707/100.101,102,104.1,103.ccls.) and instantiat\$4 and synchroniz\$6) and class near9 schema	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:18
9	3	((((projection and generat\$5) and 707/100.101,102,104.1,103.ccls.) and instantiat\$4 and synchroniz\$6) and class near9 schema) and web adj page	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:21
11	0	((((((projection and generat\$5) and 707/100.101,102,104.1,103.ccls.) and instantiat\$4 and synchroniz\$6) and class near9 schema) and web adj page) and XML) and hash\$8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:21
10	2	((((((projection and generat\$5) and 707/100.101,102,104.1,103.ccls.) and instantiat\$4 and synchroniz\$6) and class near9 schema) and web adj page) and XML	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:21

L Number	Hits	Search Text	DB	Time stamp
1	150	Class adj schema same classes	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:45
2	99	(Class adj schema same classes) and client and server	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:51
3	56	((Class adj schema same classes) and client and server) and instantiat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:51
4	11	((Class adj schema same classes) and client and server) and instantiat\$4 and synchroniz\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:56
5	8	(((Class adj schema same classes) and client and server) and instantiat\$4 and synchroniz\$6) and class with attributes!	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:52
6	150	Class adj schema and classes	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:36
7	94	(class adj schema) and classes! and (attributes! with class)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:28
8	10	((class adj schema) and classes! and (attributes! with class)) and instantiat\$4 and synchroniz\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:13
9	9	(((class adj schema) and classes! and (attributes! with class)) and instantiat\$4 and synchroniz\$6) and ((primary adj key) or (ID or identification or identifier))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:21
10	1	(((class adj schema) and classes! and (attributes! with class)) and instantiat\$4 and synchroniz\$6) and (primary adj key)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:21
11	61	((class adj schema) and classes! and (attributes! with class)) and (API or serialization)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:33
12	50	((class adj schema) and classes! and (attributes! with class)) and (API or serialization) and ((variable adj usage specification) or VUS!)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:32
13	2	(((class adj schema) and classes! and (attributes! with class)) and (API or serialization)) and ((variable adj usage specification) or VUS!) ) and states! and transitions!	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:31

14	1	((class adj schema) and classes! and (attributes! with class)) and (API or serialization)) and ((variable adj usage adj specification) or VUS!)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:32
15	0	((class adj schema) and classes! and (attributes! with class)) and (API or serialization)) and (seires! adj states!)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:33
16	1	((class adj schema) and classes! and (attributes! with class)) and (API with serialization)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:33
17	3	((class adj schema) and classes! and (attributes! with class)) and (API with serializ\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:40
18	22	((class adj schema) and classes! and (attributes! with class)) and XML and hash\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:36
19	18	((class adj schema) and classes! and (attributes! with class)) and XML and (hash adj table)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:40
21	2	((class adj schema) and classes! and (attributes! with class)) and serializ\$6) and XML and (hash\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:47
22	2	((class adj schema) and classes! and (attributes! with class)) and serializ\$6) and XML	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:41
20	11	((class adj schema) and classes! and (attributes! with class)) and serializ\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:44
23	76756	(serializ\$6 near2 file) or (serial\$6 near8 (API or (application programm\$8 adj interface)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:46
24	11	( (serializ\$6 near2 file) or (serial\$6 near8 (API or (application programm\$8 adj interface)))) and class adj schema	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:53
25	465	(serializ\$6 near2 file) or (serial\$6 near8 (API or (application adj programm\$8 adj interface)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 15:03
26	159	( (serializ\$6 near2 file) or (serial\$6 near8 (API or (application programm\$8 adj interface)))) and classes! and attributes! and (persist\$6 near6 object)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:46

27	21	(( (serializ\$6 near2 file) or (serial\$6 near8 (API or (application programm\$8 adj interface)))) and classes! and attributes! and (persist\$6 near6 object)) and XML and (hash\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:51
28	7	(( (serializ\$6 near2 file) or (serial\$6 near8 (API or (application programm\$8 adj interface)))) and classes! and attributes! and (persist\$6 near6 object)) and XML and (hash\$6)) and customer same service	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:52
29	150	class adj schema	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:55
30	31	(class adj schema ) and customer same service	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:54
31	19	((class adj schema ) and customer same service) and XML and hash\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:59
32	138	(class adj schema) and classes!	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:55
33	94	(class adj schema) and classes! and (class with attributes!)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:55
34	90	((class adj schema) and classes! and (class with attributes!) ) and ((data adj structure) or hierarch\$6 or tree)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:56
35	73	((class adj schema) and classes! and (class with attributes!) ) and ((data adj structure) or hierarch\$6 or tree) with class	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:56
37	43	((class adj schema) and classes! and (class with attributes!) ) and ((data adj structure) or hierarch\$6 or tree) with class) and instantiat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:57
38	31	((((class adj schema) and classes! and (class with attributes!) ) and ((data adj structure) or hierarch\$6 or tree) with class) and instantiat\$4) and client same server	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:57
39	18	(((((class adj schema) and classes! and (class with attributes!) ) and ((data adj structure) or hierarch\$6 or tree) with class) and instantiat\$4) and client same server) and (webpage or website or (web adj (site or page)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 14:58
40	17	((((((class adj schema) and classes! and (class with attributes!) ) and ((data adj structure) or hierarch\$6 or tree) with class) and instantiat\$4) and client same server) and (webpage or website or (web adj (site or page)))) and XML and hash\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 15:01

41	17	((((class adj schema) and classes! and (class with attributes!) ) and ((data adj structure) or hierarch\$6 or tree) with class) and instantiat\$4) and client same server) and XML and hash\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 15:01
43	0	((((class adj schema) and classes! and (class with attributes!) ) and ((data adj structure) or hierarch\$6 or tree) with class) and instantiat\$4) and XML and hash\$6) and synchroniz\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 15:02
42	19	((((class adj schema) and classes! and (class with attributes!) ) and ((data adj structure) or hierarch\$6 or tree) with class) and instantiat\$4) and XML and hash\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 15:02
36	8	((class adj schema) and classes! and (class with attributes!) ) and ((data adj structure) or hierarch\$6 or tree) with class) and instantiat\$4 and synchroniz\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 15:02
44	1	((class adj schema) and classes! and (class with attributes!) ) and ( (serializ\$6 near2 file) or (serial\$6 near8 (API or (application adj programm\$8 adj interface))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 15:03

## Patent Assignment Abstract of Title

**Total Assignments: 1**

**Application #:** 09785625 **Filing Dt:** 02/16/2001

**Patent #:** NONE

**Issue Dt:**

**PCT #:** NONE

**Publication #:** US20020116412

**Pub Dt:** 08/22/2002

**Inventors:** Christine Michelle Barnes, Charles Richard Main

**Title:** System and method for object state persistence

**Assignment: 1**

<b>Reel/Frame:</b> <u>011568/0303</u>	<b>Received:</b> 03/13/2001	<b>Recorded:</b> 02/16/2001	<b>Mailed:</b> 05/15/2001	<b>Pages:</b> 5
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**Conveyance:** ASSIGNMENT OF ASSIGNEES INTEREST (SEE DOCUMENT FOR DETAILS).

**Assignors:** BARNES, CHRISTINE M.  
MAIN, CHARLES R.

**Exec Dt:** 02/15/2001  
**Exec Dt:** 02/15/2001

**Assignee:** SAS INSTITUTE INC.  
SAS CAMPUS DRIVE  
CARY, NORTH CAROLINA 27513

**Correspondent:** JONES, DAY, REAVIS & POGUE  
JOHN V. BIERNACKI  
901 LAKESIDE AVENUE  
NORTH POINT  
CLEVELAND, OH 44114

Search Results as of: 5/6/2004 2:49:28 P.M.

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Web interface last modified: Oct. 5, 2002

# Patent Assignment Abstract of Title

**Total Assignments:** 3

**Application #:** 09980636 **Filing Dt:** 08/29/2002

**Patent #:** NONE

**Issue Dt:**

**PCT #:** NONE

**Publication #:** US20030110073 **Pub Dt:** 06/12/2003

**Inventors:** John V Briel, Stephen I Daleman, William R Brook, John D Gabbe, Kenneth A Lang, John A Wojciechowski Jr, Paul Muschamp, Lindsay A Campbell, David R Griffiths, Brian R Henderson, Michael Hodgson, Jonathan Leigh-Smith, Vineet Mittal

**Title:** Data management system

**Assignment:** 1

<b>Reel/Frame:</b> 013748/0106	<b>Received:</b> 02/11/2003	<b>Recorded:</b> 08/29/2002	<b>Mailed:</b> 06/23/2003	<b>Pages:</b> 38
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**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

<b>Assignors:</b> <u>BRIEL, JOHN V.</u>	<b>Exec Dt:</b> 05/24/2001
<u>BROOK, WILLIAM R.</u>	<b>Exec Dt:</b> 08/05/2002
<u>DALEMAN, STEPHEN I.</u>	<b>Exec Dt:</b> 06/20/2001
<u>GABBE, JOHN D.</u>	<b>Exec Dt:</b> 05/22/2001
<u>LANG, KENNETH A.</u>	<b>Exec Dt:</b> 05/22/2001
<u>WOJCIECHOWSKI, JR., JOHN A.</u>	<b>Exec Dt:</b> 06/23/2001
<u>MUSCHAMP, PAUL</u>	<b>Exec Dt:</b> 05/01/2001
<u>CAMPBELL, LINDSAY A.</u>	<b>Exec Dt:</b> 08/04/2001
<u>GRIFFITHS, DAVID R.</u>	<b>Exec Dt:</b> 05/03/2001
<u>HENDERSON, BRIAN R.</u>	<b>Exec Dt:</b> 05/02/2001
<u>HODGSON, MICHAEL</u>	<b>Exec Dt:</b> 07/12/2001
<u>LEIGH-SMITH, JONATHAN</u>	<b>Exec Dt:</b> 06/04/2001
<u>MITTALL, VINEET</u>	<b>Exec Dt:</b> 07/02/2001

**Assignees:** BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY

81 NEWGATE STREET  
LONDON, ENGLAND EC1A 7AJ  
AT&T CORPORATION  
P.O. BOX 4110  
MIDDLETOWN, NEW JERSEY 07748-4110

**Correspondent:** NIXON & VANDERHYE P.C.  
RAYMOND Y. MAH  
1100 NORTH GLEBE ROAD  
8TH FLOOR  
ARLINGTON, VA 22201

**Assignment:** 2

<b>Reel/Frame:</b> 014230/0744	<b>Received:</b> 07/08/2003	<b>Recorded:</b> 07/02/2003	<b>Mailed:</b> 01/06/2004	<b>Pages:</b> 38
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**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

<b>Assignors:</b> <u>BRIEL, JOHN V.</u>	<b>Exec Dt:</b> 05/24/2001
<u>BROOK, WILLIAM R.</u>	<b>Exec Dt:</b> 08/05/2002
<u>DALEMAN, STEPHEN I.</u>	<b>Exec Dt:</b> 06/20/2001
<u>GABBE, JOHN D.</u>	<b>Exec Dt:</b> 05/22/2001
<u>LANG, KENNETH A.</u>	<b>Exec Dt:</b> 05/22/2001

<u>WOJCIECHOWSKI JR., JOHN A.</u>	<b>Exec Dt:</b> 06/23/2001
<u>MUSCHAMP, PAUL</u>	<b>Exec Dt:</b> 05/01/2001
<u>CAMPBELL, LINDAY A.</u>	<b>Exec Dt:</b> 05/04/2001
<u>GRIFFITHS, DAVID R.</u>	<b>Exec Dt:</b> 05/03/2001
<u>HENDERSON, BRIAN R.</u>	<b>Exec Dt:</b> 05/02/2001
<u>HODGSON, MICHAEL</u>	<b>Exec Dt:</b> 07/12/2001
<u>LEIGH-SMITH, JONATHAN</u>	<b>Exec Dt:</b> 06/04/2001
<u>MITTAL, VINEET</u>	<b>Exec Dt:</b> 07/02/2001

**Assignees:** BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY

81 NEWGATE STREET  
 LONDON, ENGLAND EC1A 7AJ  
AT&T CORPORATION  
 P.O. BOX 4110  
 MIDDLETOWN, NEW JERSEY 07748-4110

**Correspondent:** NIXON & VANDERHYE P.C.  
 RAYMOND Y. MAH  
 1100 NORTH GLEBE ROAD  
 8TH FLOOR  
 ARLINGTON, VA 22201

**Assignment: 3**

<b>Reel/Frame:</b>	<b>Received:</b>	<b>Recorded:</b>	<b>Mailed:</b>	<b>Pages:</b>
<u>014465/0930</u>	09/10/2003	09/05/2003	04/01/2004	40

**Conveyance:** CORRECTED COVER SHEET TO CORRECT EXECUTION DATES AND ASSIGNOR NAME,  
 PREVIOUSLY RECORDED REEL/FRAME 013748/0106 (ASSIGNMENT OF ASSIGNOR'S  
 INTEREST)

<b>Assignors:</b> <u>BRIEL, JOHN V.</u>	<b>Exec Dt:</b> 05/24/2001
<u>BROOK, WILLIAM R.</u>	<b>Exec Dt:</b> 08/16/2002
<u>DALEMAN, STEPHEN I.</u>	<b>Exec Dt:</b> 06/20/2001
<u>GABBE, JOHN D.</u>	<b>Exec Dt:</b> 05/22/2001
<u>LANG, KENNETH A.</u>	<b>Exec Dt:</b> 05/22/2003
<u>MUSCHAMP, PAUL</u>	<b>Exec Dt:</b> 05/01/2001
<u>CAMPBELL, LINDSAY A.</u>	<b>Exec Dt:</b> 05/04/2001
<u>GRIFFITHS, DAVID R.</u>	<b>Exec Dt:</b> 05/03/2001
<u>HENDERSON, BRIAN R.</u>	<b>Exec Dt:</b> 05/02/2001
<u>HODGSON, MICHAEL</u>	<b>Exec Dt:</b> 07/12/2001
<u>LEIGH-SMITH, JONATHAN</u>	<b>Exec Dt:</b> 06/04/2001
<u>MITTAL, VINEET</u>	<b>Exec Dt:</b> 07/02/2001
<u>WOJCIECHOWSKI, JR., JOHN A.</u>	<b>Exec Dt:</b> 06/23/2001

**Assignees:** BRITISH TELECOMMUNICATIONS PUBLIC, LIMITED COMPANY

81 NEWGATE STREET  
 LONDON, ENGLAND EC1A 7AJ  
AT&T CORPORATION  
 P.O. BOX 4110  
 MIDDLETOWN, NEW JERSEY 07748-4100

**Correspondent:** NIXON & VANDERHYE P.C.

RAYMOND Y. MAH  
1100 NORTH GLEBE ROAD  
8TH FLOOR  
ARLINGTON, VA 22201

Search Results as of: 5/6/2004 2:25:16 P.M.

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